

HQ series



HQ-212.64-CX

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 30/04/2025



KEY FEATURES

- Two-way long-throw system
- CX finish (ISO-flex) for covered exposure
- Horn loaded 2 X 12" low frequency loudspeaker
- M-78N neodymium compression driver
- Selectable passive/bi-amplified operating modes
- 60° x 40° coverage angles
- Rotatable horns
- Stainless steel rigging kit

DESCRIPTION

The HQ-212.64 is a long-throw two-way system designed for medium and large-scale installations such as arenas, stadiums, auditoriums, and theaters. With precise coverage control and high power capacity, the HQ-212.64 is ideal for use both as a standalone unit and in multi-unit array configurations. The system features a 12" low-frequency driver (model 12LQN4C with a 3" voice coil) and an M-78N compression driver with a titanium diaphragm and a 3" voice coil, ensuring optimal acoustic performance in demanding applications.

The system provides a controlled 60° x 40° coverage, with a rotatable waveguide that allows flexible installation, adapting to different configurations. The HQ-212.64 covers a frequency range from 63 Hz to 18 kHz, reaching a maximum sound pressure level of 141 dB SPL. With a power handling capacity of 800 W RMS and 3200 W peak power, this system is designed to deliver superior performance in large-scale environments.

The enclosure is constructed from birch plywood and coated with the durable ISO-flex™ finish on both the interior and exterior. The system is available in two versions: CX (covered exposure), with an ISO-flex coating on both surfaces, and DX (direct exposure), which adds an outer fiberglass layer and an internal gel seal for enhanced weather resistance. Both versions comply with IP54 standards, ensuring durability in harsh weather conditions.

Equipped with M10 rigging points and a stainless-steel mounting bracket, the HQ-212.64 is a robust and reliable solution for permanent installations in large venues.

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SPECIFICATIONS

Performance

Frequency Range (-10 dB)	63 Hz - 18 kHz
Horizontal Coverage (-6 dB)	60°
Vertical Coverage	40°
Nominal Impedance	8 ohms
RMS Power Handling	800 W
Peak Power Handling	3200 W
On-axis Sensitivity 1W/1 m	106 dB
Maximum Peak SPL at 1 m	141 dB
Recommended Processor	INTEGRAL-M88
	INTEGRAL-MA1604
	INTEGRAL-MA1004

Connectors

Audio Input Connector	Covered Barrier Strip Terminals
Audio Output Connector	Covered Barrier Strip Terminals

Enclosure

Enclosure Construction	Birch Plywood
Enclosure Geometry	Trapezoidal
Rigging	M10 Rigging Points
Finish	ISO-flex Paint
Color	Black
Dimensions (H x W x D)	370 x 710 x 655 mm
	14,6 x 28,0 x 25,7 in

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Net Weight	49,0 kg (85,9 lb)
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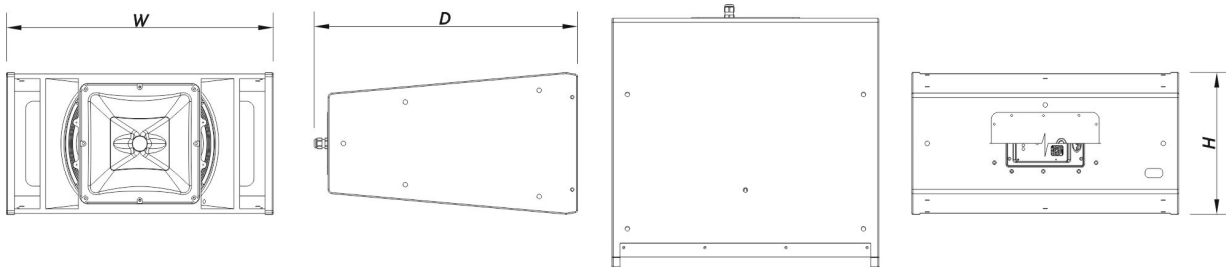
Components

LF Driver	12LQN4C
HF Driver	M-78N
Horn/Waveguide	BCH-6040-7037

Shipping

Shipping Weight	51,5 kg (91,5 lb)
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DIMENSIONS



ORDERING INFORMATION

Model	Description	P/N
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System

HQ-212.64-CX		10432180
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Replacement Parts

12LQN4C	Transducer	20208892
BCH-6040-7037	Horn	30006307

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F-HQ212	Filter	30009201
GM-12LQN4	Recone Kit	20208534
GM-M75N	Diaphragm	20205080
M-78N	Compression Driver	20208860

Accessories

ANL-2	Rigging Accessories	10101020
AX-HQ-X12	Rigging Accessories	10107001
AXU-HQ212	Installation & Stacking Acc.	10105144
JP-HQ-212	Rigging Accessories	10107002
UFB	Rigging Accessories	10105040

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